

Converting Colors

XYZ(43.9094, 25.3953, 6.5318)

Have a look what the booklet for
XYZ(43.9094, 25.3953, 6.5318)
contains.

XYZ(43.8940, 25.3461, 6.5818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8940, 25.3461,
6.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	FF413A
RGB	255, 65, 58
RGB Percent	100%, 25%, 23%
CMY	0.0000, 0.7450, 0.7725
CMYK	0.00, 0.75, 0.77, 0.00
HSL	2°, 100%, 61%
HSV	2°, 77%, 100%
XYZ	43.8940, 25.3461, 6.5818
YIQ	121.0120, 115.4870, 38.1030

Conversions

Conversions Part 2

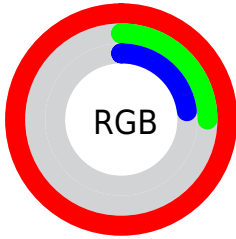
Format	Color
R_{YB}	255, 65, 58
Decimal	16728378
CIE Lab	57.41, 70.05, 48.08
CIE LCh	57, 84.964, 34.463
Yxy	25.3461, 0.5789, 0.3343
Android (android.graphics.Color)	4294918458 (0xFFFF413A)
YUV	121.0120, -31.0649, 117.5075
Hunter-Lab	50.3449, 67.5244, 27.4902

Details

The XYZ color **43.8940, 25.3461, 6.5818** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **53.3576, 75.2451, 106.3185**, and the grayscale version is **18.2509, 19.2014, 20.9103**.

A 20% lighter version of the original color is **51.3547, 37.2432, 18.3919**, and **21.0526, 10.8454, 1.3316** is the 20% darker color. If you saturate the color by 10%, you get **42.2804, 22.9131, 3.5967**, and if you desaturate by 10%, it is **46.4435, 29.1383, 11.4618**.

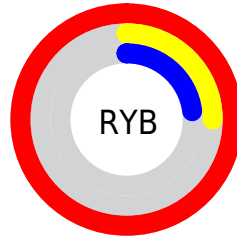
Distribution



Red (100%)

Green (25%)

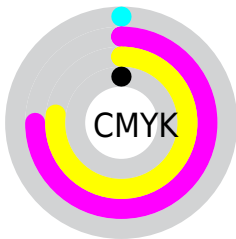
Blue (23%)



Red (100%)

Yellow (25%)

Blue (23%)

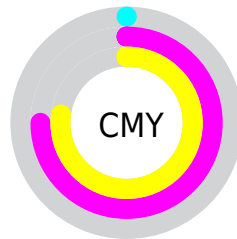


Cyan (0%)

Magenta (75%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8940, 25.3461, 6.5818 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.8940, 25.3461, 6.5818 by changing the saturation by 10% instead.


 43.8940, 25.3461,
6.5818


 43.8940, 25.3461,
6.5818


353.1351,
279.5572, 173.6390


 30.7847, 16.3351,
3.1275


 80.3056, 52.2181,
19.6252

 20.5860, 9.7616,
1.1601


 104.3385, 70.8480,
30.0513


 12.9325, 5.2412,
0.0000


 132.7435, 93.4529,
43.6385

 7.4587, 2.3895,
0.0000

 165.8858,
120.4172, 60.8053

 3.7995, 0.8205,
0.0000

 204.1307,
152.1255, 81.9702

 1.5893, 0.0000,
0.0000

 247.8437,

 0.3854, 0.0000,

188.9619, 107.5517

0.0000

297.3900,
231.3110, 137.9685

■ 0.0000, 0.0000,
0.0000

■ 43.8940, 25.3461,
6.5818

■ 43.8940, 25.3461,
6.5818

■ 42.2804, 22.9131,
3.5967

■ 46.4435, 29.1383,
11.4618

■ 41.4608, 21.6408,
2.1929


■ 50.0398, 34.4435,
18.4790


■ 41.3382, 21.4569,
1.9628

■ 54.7801, 41.3998,
27.8415

■ 60.7501, 50.1285,
39.7318

■ 68.0274, 60.7395,
54.3148

 76.6830, 73.3339,
71.7414

 86.7830, 88.0055,
92.1512

95.0497, 99.9998,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.0788, 25.3461, 23.4947



43.8940, 25.3461, 6.5818



33.4620, 25.3461, 1.6919

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.8940, 25.3461, 6.5818



10.4804, 25.3461, 9.9034



25.6326, 25.3461, 128.3587

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.8940, 25.3461, 6.5818



53.3576, 75.2451, 106.3185

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.6561, 25.3461, 114.2512



43.8940, 25.3461, 6.5818



9.4608, 25.3461, 32.1524

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.8940, 25.3461, 6.5818



14.6935, 25.3461, 2.4573



11.3716, 25.3461, 72.5061



36.8250, 25.3461, 103.4593

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



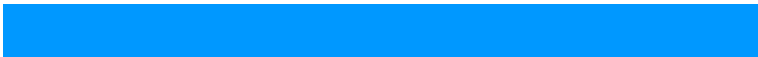
43.8940, 25.3461, 6.5818



26.0120, 25.3461, 1.0086



11.3716, 25.3461, 72.5061



22.2664, 25.3461, 128.1060

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.8946, 25.3476, 6.5822



71.5381, 65.8503, 61.3736



59.7632, 31.0902, 92.0103



14.6707, 13.1609, 11.8465



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8946, 25.3476, 6.5822



41.7239, 22.0551, 2.6238



55.1124, 47.7834, 10.3215



18.0612, 18.0906, 18.6842



21.6227, 11.2566, 1.0331



2.1228, 1.1309, 0.1064

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.3576, 75.2451, 106.3185



51.4219, 73.5976, 106.1033



30.6905, 29.9109, 98.7628



18.4962, 20.3639, 23.2057



26.6637, 38.2369, 55.4097



2.6128, 3.7563, 5.4006

Previews

White Background



This preview shows how the XYZ color 43.8940, 25.3461, 6.5818 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.8940, 25.3461, 6.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8940, 25.3461, 6.5818

Background



This preview shows how black text looks on a background with the XYZ color 43.8940, 25.3461, 6.5818.



This preview shows how white text looks on a background with the XYZ color 43.8940, 25.3461,

6.5818.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.8940, 25.3461, 6.5818

Protanopia

23.2989, 25.3355, 11.2517

Deuteranopia

25.8045, 25.2987, 5.9060



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.8940, 25.3461, 6.5818

Protanomaly

27.8404, 22.6556, 9.0365

Deuteranomaly

30.4407, 23.4337, 5.8245

Tritanomaly

43.9706, 25.2857, 7.2657

Monochromacy



Original Color

43.8940, 25.3461, 6.5818

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.4358, 18.7353, 13.9363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8940, 25.3461, 6.5818 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 65, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 58)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 65, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 58) }
```

Border

The CSS property to change the border of an element to XYZ 43.8940, 25.3461, 6.5818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 65, 58) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 65, 58) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 65, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8940, 25.3461, 6.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 58) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 65,  
58) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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